

CLAIMS

What is claimed is:

1. A hand-guided electrical tool system comprising a battery pack (2) having a battery voltage; a charging unit (3) having a charging voltage for charging the battery pack (2) and a hand-guided electrical tool (1) including one of a drill and screwdriver having an electrical motor (6) that can be driven at a nominal voltage by the battery pack (2); a housing (4); and an attachment system (8) disposed on the housing (4) and on the battery pack (2) for detachable attachment of the battery pack (2) to the housing (4), wherein the attachment system (8) has a receiving member (11) on one part and an engaging member (12) on another part that can be brought into engagement with the receiving member (11), wherein the housing (4) has a contact means (13) and the battery pack (2) has a corresponding counter contact means (14), wherein the engaging member (12) and the receiving member (11) each have a key device comprising a topography including a profile and a counter-topography including a counter profile for the topography, and wherein a nominal voltage of a system component (1, 2, 3) is associated with a specific topography and a complementary counter-topography.
2. The electrical tool system of claim 1, wherein the attachment system (8) comprises a blocking means that prevents engagement of the attachment system (8) between the electrical tool (1) and the battery pack (2) when the nominal voltage of the electrical tool (1) is lower than the battery voltage of the battery pack (2).

3. The electrical tool system of claim 1, wherein the battery pack (2) has the topography.
4. The electrical tool system of claim 1, wherein the battery pack (2) has at least one carrier (15a, 15b) with the topography.
5. The electrical tool system of claim 1, wherein the topography comprises a length (L1, L2) of carriers (15a, 15b) of the engagement member 12 .
6. The electrical tool system of claim 4, wherein the electrical tool (1) comprises a first blocking means.
7. The electrical tool system of claim 6, wherein the blocking means comprises at least one stop (22).
8. The electrical tool of claims 6, wherein the charging unit (3) comprises a second blocking means (22'), which can cooperate with the topography.